

ABSTRACT OF THE DISCLOSURE

[0039] A curved paddle electrode allows the electrode to be placed over a relatively flat or oval shaped nerve bundle attached to fascia tissue without having to separate the nerve bundle from the fascia tissue. The electrode includes at least one suture hole that allows the electrode to be held in place over the nerve bundle through a clip-on stitch, or equivalent. In one embodiment, the curved paddle electrode provides a tripolar electrode configuration that allows three spaced-apart parallel electrode contacts to be positioned transverse to a target nerve bundle. Such electrode configuration allows bipolar or tripolar stimulation to occur. Other embodiments employ less or more than three electrode contacts. A preferred application of the curved paddle electrode is for the treatment of erectile dysfunction (ED), where the electrode is placed over the neurovascular bundle attached to the rectal fascia tissue near the rectum.